

Abstract of the Disclosure

A method of preparing a reinforcing structure for use in manufacture a pultruded part where the reinforcing structure is pulled through a pultrusion die in a continuous longitudinal pull direction. The method includes arranging a plurality of first reinforcing fibers in a transverse direction and attaching a permeable transport web of staple fibers to the first reinforcing fibers such that the portion of the first reinforcing fibers oriented in the direction transverse comprises at least 40% of a volume of materials comprising the reinforcing structure.

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